
Bird Safe Berkeley Requirements Referral

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Planning Commission • March 2, 2022

Overview

- **Background**
 - Referral
 - Bird Safety
 - **Importance to Berkeley**
 - What's at Stake?
 - Existing Bird Safety Efforts
 - **Potential Methods of Implementation**
 - **Comparable Ordinances**
 - **Next Steps**
 - Questions to Consider
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Background

Community Environmental Advisory Commission (CEAC) recommended amendments to the Berkeley Municipal Code to include:

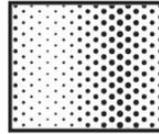
1. Bird Safety Requirements
2. Dark Skies Ordinance



City Council adopted the Bird Safe Berkeley Requirements Referral requesting the City Manager develop a response.

What are Bird Safety Requirements?

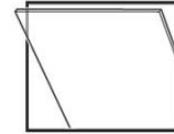
- Bird Safety Ordinance
- Dark Skies Ordinance



Solution: Screen / Scrim / Fritting



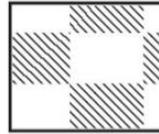
Solution: Vegetation Near Building



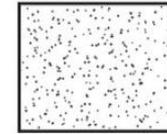
Solution: Glass Tilted Downwards



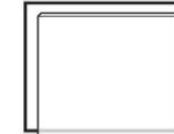
Solution: Lights Out



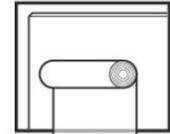
Solution: Visual Noise



Solution: Non-Reflective Material



Solution: Non-Reflective Glass



Solution: Use of Plastic Films, Diachroic Coatings And Tins on Facade

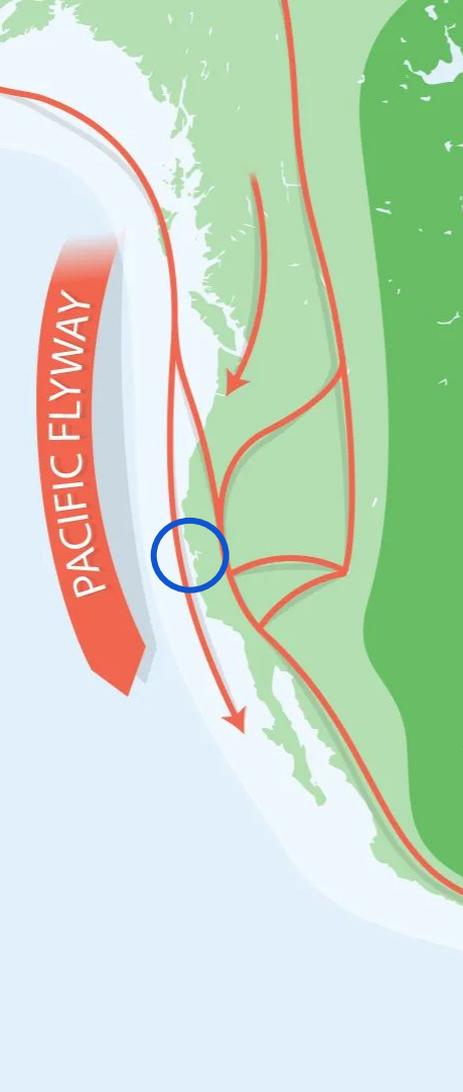
What's at Stake?

100M - 1B

birds die every year in collisions with
man-made structures

#2

leading cause of human-induced bird
deaths are bird collisions with windows

A map of the Pacific Flyway, showing migration routes across the Pacific Ocean and North America. The routes are indicated by red arrows, starting from the Pacific Ocean and moving inland towards the San Francisco Bay area. A blue circle highlights the location of Berkeley, California, within the flyway. The map is overlaid on a green-tinted world map.

Importance to Berkeley

- Located within the Pacific Flyway
- Home to ~ 407 species of resident & migratory birds
- Proximity to the San Francisco Bay, a site of “Hemispheric Importance”

Existing Bird Safety Efforts

600 Addison

- Conditions of Approval
- CEQA Mitigation Measures



Bayer Development Agreement

- Bird Strike Risk Assessment in the EIR
- CEQA Mitigation Measures

Methods of Implementation

- CEQA Mitigation Measures
- Project Conditions of Approval
- Design Guidelines
- Planning Regulations (Zoning Ordinance)
- Building Regulations (Building Code)

Comparable Ordinances

Oakland (2013)

- **Building Permit Requirements**
- Applies to buildings near a substantial body of water or green space of >1 acre or to those that have a green roof. >90% of all glass must be bird friendly within 60 ft. above grade. Includes lighting.

Alameda (2018)

- **Bird Safety Ordinance**
- Applies to new construction and window replacements for unbroken glazed segments >12 sf only on buildings >35 ft. tall that also have ≥ 1 façade with $\geq 50\%$ glass. For those buildings, >90% of the glass must be bird friendly. Includes lighting.

Emeryville (2020)

- **Bird Safety Ordinance**
- Applies to all new construction and window replacements. For areas of contiguous glass of ≥ 12 sf, $\geq 90\%$ of the glazing on any façade or glass structure, and all glass near plants or water features, must be bird friendly. Includes lighting requirements.

Next Steps

1. Identify Implementation Opportunities & Challenges
 2. Confirm Consistency with California Building Code
 3. Confirm Consistency with Design Guidelines
 4. Redraft Zoning Language According to BZO Style Guide
 5. Questions for the Commissioners
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Questions to Consider

1. Does the Commission suggest modifications to staff's proposed approach?
 2. Should the standards apply citywide, or near large open spaces with vegetation and/or water?
 3. Should the standards apply to the lower 60 feet of buildings or to the entire building?
 4. Does the Commission have any other suggestions to inform the drafting of bird safe building standards in Berkeley?
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End